European Journal of Anaesthesiology 1986, 3, 487–489

Author index

Adams HK *see* Yate PM, 159
Agnes S *see* Pelosi G, 209
Arndt JO. The low pressure system: *the integrated function of veins*, 345
Aromaa U, Linko K and Nieminen M-T. Comparison of epidural and spinal blockade with 0.5% bupivacaine for transurethral surgery, 241
Arroyo JL, Iribarren MJ, Dawson E, Roux C, Carrascosa F, De Castro J and Carrasco MS. The effect of labetalol on urinary prostacyclin secretion during surgery, 33

Bechstein W *see* Seitz W, 283
Beydon L *see* Murat I, 405
Bitker MO *see* Meistelman C, 153
Boidin MP, Erdmann WE and Faithfull NS. The role of ascorbic acid in etomidate toxicity, 419
Boileau S *see* Laxenaire MC, 259
Bonnett F, Kergrohen F, Lafosse J-E, Loriferne J-F, Salvat A and Debras C. Post-operative rigidity after fentanyl administration, 415

Campkin TV and Flinn RM. Isoflurane: *its use to induce hypotention in neurosurgical patients*, 397
Camu F *see* Verborgh C, 313
Carrasco MS *see* Arroyo JL, 33
Carrascosa F *see* Arroyo JL, 33
Chaussain M *see* Murat I, 405
Chestnutt WN and Dundee JW. The influence of cyclizine and perphenazine on the emetic effect of meptazinol, 27
Clarke RSJ *see* Lavery GG, 438, 459
Cleaton-Jones PE *see* Wetterhahn NS, 95
Cook JH, Feneck RO and Smith MB. Anaesthesia and intra-ocular pressure: effects of pretreatment with propranolol before induction of anaesthesia, 449
Crul, JF *see* Scheepstra GL, 373

Dagrenat P *see* Laxenaire MC, 259
Dawson E *see* Arroyo JL, 33
Debras C *see* Bonnett F, 415
De Castro J *see* Arroyo JL, 33
De Cosmo G *see* Villani A, 137
Dorlas JC *see* Nijboer JA, 143
Douglas EJ *see* Yate PM, 159
Driessen JJ *see* Wuis EW, 219
Drouet N *see* Laxenaire MC, 259
Dundee JW, Halliday NJ and McMurray TJ. Asprin and probenecid pretreatment influences the potency of thiopentone and the onset of action of midazolam, 247
Dundee JW *see* Chestnutt WN, 27

Eliasen JJ *see* Pedersen T, 225
Erdmann WE *see* Boidin MP, 419
Esmaili MH, Pleuvry BJ and Healy TEJ. Interactions between atracurium and vecuronium on indirectly elicited muscle twitch *in vitro*, 469
Evers J *see* Wuis EW, 219

Faithfull NS *see* Boidin MP, 419
Fatti LP *see* Wetterhahn NS, 95
Feneck RO *see* Cook JH, 449
Ferrero E, Ferrero ME, Marni A, Zocchi MR, Stella C, Rugarli C and Tiengo M. *In vitro* effects of halothane on lymphocytes, 321
Ferrero ME *see* Ferrero E, 321
Flinn RM *see* Campkin TV, 397
Frank M *see* Yate PM, 159
Fredin H and Rosberg B. Anaesthetic techniques and thromboembolism in total hip arthroplasty, 273
Fritz K *see* Seitz W, 283

Gibson FM *see* Lavery GG, 459
Gordin A *see* Kauste A, 1
Grounds RM, Moore M and Morgan M. The relative potencies of thiopentone and propofol, 11

Halliday NJ *see* Dundee JW, 247
Hanning CD *see* Shribman AJ, 103
Hargreaves J *see* Kay B, 111
Healy TEJ *see* Esmaili MH, 469
Healy TEJ *see* Kay B, 111
Heikkinen H *see* Kauste A, 1
Henriksen E *see* Pedersen T, 225
Huk W *see* Pasch T, 299

Iribarren MJ *see* Arroyo JL, 33

Johansen SH *see* Pedersen T, 225

Kauste A, Tuominen M, Heikkinen H, Gordin A and Korttila K. Droperidol alizapride and metoclopramide in the prevention and treatment of post-operative emetic sequelae, 1
Kay B, Hargreaves J, Sivalingham T and Healy TEJ. Intravenous anaesthesia for cystoscopy: *a comparison of propofol or methohexitone with alfentanil*, 111
Kergrohen F *see* Bonnett F, 415
Kircher E *see* Seitz W, 283
Korttila K *see* Kauste A, 1
Kyttä J, Rosenberg PH and Wahlström TR. Effects of continuous epidural administration of bupivacaine through a catheter in pigs, 475

Lafosse J-E *see* Bonnett F, 415
Lauven PM *see* Schwilden H, 175
Lavery GG, Clarke RSJ and Watkins J. Histaminoid response after intradermal and intravenous administration of atracurium, vecuronium and tubocurarine: a comparative study, 438
Lavery GG, Mirakhur RK, Clarke RSJ and Gibson FM. The effect of atracurium, vecuronium and pancuronium on heart rate and arterial pressure in normal individuals, 459
Laxenaire MC, Boileau S, Dagrenat P, Menu N and Drouet N. Haemodynamic and respiratory effects of post-operative doxapram and almitrine in patients following pneumonectomy, 259
Leveque C *see* Meistelman C, 153
Levy J *see* Murat I, 405
Lienhart A *see* Meistelman C, 153
Lindahl SGE and Olsson A-K. Respiratory drive and timing before and during CO_2 inhalation in infants anaesthetized with halothane, 427
Linko K. The clinical efficiency of the Portex® in-line blood warmer, 121
Linko K *see* Aromaa U, 241
Loriferne J-F *see* Bonnett F, 415
Luebbe N *see* Seitz W, 283

Magalina SC *see* Pelosi G, 209
Major E *see* Yate PM, 159
Marni A *see* Ferrero E, 321
Maynard DE *see* Yate PM, 159
McCeod B *see* Walmsley AJ, 19
McMurray TJ *see* Dundee JW, 247
Meistelman C, Lienhart A, Leveque C, Bitker MO, Pigot B and Viars P. Pharmacology of vecuronium in patients with end-stage renal failure, 153
Menu N *see* Laxenaire MC, 259
Mirakhur RK *see* Lavery GG, 459
Moore M *see* Grounds RM, 11
Morgan M *see* Grounds RM, 11
Moyes DG *see* Wetterhahn NS, 95
Murat I, Beydon L, Chaussain M, Levy J and Saint-Maurice JP. Ventilatory changes during nitrous oxide isoflyrane anaesthesia in children, 405

Nieminen M-T *see* Aromaa U, 241
Nijboer JA, Dorlas JC and Salt PJ. The effect of ketamine on the peripheral circulation: *a possible sympathetic ganglion blocking effect*, 143
Nimmo WS, Todd JG and Vogel J. Effect of metazinol on drug absorption and gastric emptying, 295

Olsson A-K *see* Lindahl SGE, 427

Pasch T and Huk W. Cerebral complications following induced hypotention, 299
Pedersen T, Eliasen JJ, Ravnborg M, Viby-Mogensen J, Qvist J, Johansen SH and Henriksen E. Risk factors, complications and outcome in anaesthesia. *A pilot study*, 225
Pelosi G, Zanghi F, Agnes S and Magalini SC. Maintenance of unstable kidney donors, 209
Pleuvry BJ *see* Esmaili MH, 469
Ponte J *see* Walmsley AJ, 19

Qvist J *see* Pedersen T, 225

Ravnborg M *see* Pedersen T, 225
Reekers-Ketting J *see* Scheepstra GL, 373
Rosberg B *see* Fredin H, 273
Rosen M *see* Swai EA, 127
Rosenberg PH *see* Kyttä J, 475
Roux C *see* Arroyo JL, 33
Rugarli C *see* Ferrero E, 321

Saint-Maurice JP *see* Murat I, 405
Salt PJ *see* Nijboer JA, 143
Salvat A *see* Bonnett F, 415
Scabbia E *see* Villani A, 137
Scheepstra GL, Vree TB, Crul JF, Van de Pol F and Reekers-Ketting J. Convulsive effects and pharmacokinetics of laudanosine in the rat, 373
Schüttler J *see* Schwilden H, 175

Schwilden H, Stoeckel H, Schüttler J and Lauven PM. Pharmacological models and their use in clinical anaesthesia, 175
Seitz W, Luebbe N, Bechstein W, Fritz K and Kirchner E. A comparison of two types of anaesthesia on the endocrine and metabolic responses to anaesthesia and surgery, 283
Shribman AJ and Hanning CD. Hyperbaric bupivacaine and hyperberic cinchocaine: *a comparison of their use for spinal anaesthesia*, 103
Sigurdsson GH. Respiratory depression during enflurane anaesthesia in children: *influence of the nitrous oxide concentration*, 87
Sivalingam T *see* Kay B, 111
Smith MB *see* Cook JH, 449
Stella C *see* Ferrero E, 321
Stoeckel H *see* Schwilden H, 175
Swai EA and Rosen M. An attempt to develop a model to study the effects of intrathecal steroids, 127

Tiengo M *see* Ferrero ME, 321
Todd JG *see* Nimmo WS, 295
Tuominen M *see* Kauste A, 1

Van de Pol F *see* Scheepstra GL, 373
Van der Auwera D *see* Verborgh C, 313
Van der Kleyn E *see* Wuis EW, 219
Van Droogenbroek E *see* Verborgh C, 313
Verborgh C, Van der Auwera D, Van Droogenbroek E and Camu F. Epidural sufentanil for postsurgical pain relief, 313
Verniquet AJW *see* Yate PM, 159
Viby-Mogensen J *see* Pedersen T, 225
Villani A, De Cosmo G and Scabbia E. Resumption of sinus rhythm during general anaesthesia in an elderly patient with chronic atrial fibrillation: *a case report*, 137
Vogel J *see* Nimmo WS, 295
Vree TB *see* Scheepstra GL, 373
Vree TB *see* Wuis EW, 219

Wahlström TR *see* Kyttä J, 475
Wali FA. Interaction of verapamil with gallamine and pancuronium and reversal of combined neuromuscular blockade with neostigimine and endrophonium, 387
Walmsley AJ, McCeod B and Ponte J. The new formulation of I.C.I.35 868 (propofol) as the main agent for minor surgical procedures, 19
Watkins J *see* Lavery GG, 438
Wetterhahn NS, Cleaton-Jones PE, Moyes DG and Fatti LP. Anaesthetic scavenger evaluation in the laboratory, 95
Wuis EW, Driessen JJ, Evers J, Vree TB and Van der Kleyn E. Dantrolene plasma and urine concentration after oral pretreatment for malignant hyperthermia: *report of a case*, 219

Yate PM, Maynard DE, Major E, Frank M, Verniquet AJW, Adams HK and Douglas EJ. Anaesthesia with ICI 35 868 monitored by the cerebral function analysing monitor (CFAM), 159

Zanghi F *see* Pelosi G, 209
Zocchi MR *see* Ferrero E, 321

European Journal of Anaesthesiology 1986, 3, 490–497

Subject index

Absorption of paracetamol, effect of meptazinol and morphine (Nimmo, Todd, *et al.*), 295
Adrenergic responsiveness, effect of chronic imipramine treatment (Spiss & Smith), 50 (Abs)
Alcuronium, effect of treatment with propranolol on intra-ocular pressure (Cook, Feneck, *et al.*), 449
Aldosterone, effect of labetalol on during surgery (Arroyo, Iribarren, *et al.*), 33
Alfentanil, adaptive dosing strategies by computer controlled infusion (Schuttler, Schwilden, *et al.*), 67 (P)
, in young children, pharmacokinetics of (Strunin, Sale, *et al.*), 57 (Abs)
, with methohexitone versus propofol for cystoscopy (Kay, Hargreaves, *et al.*), 111
Alizapride, use in prevention and treatment of post-operative vomiting (Kauste, Yuominen, *et al.*), 1
Almitrine following pneumonectomy, haemodynamic and respiratory effects (Laxenaire, Boileau, *et al.*), 259
Anaesthetic gas scavenger (Wetterhahn, Cleaton-Jones, *et al.*), 95
Analgesia, epidural with morphine, effect of dose and injection volume (Lanz, Kehrberger, *et al.*), 59 (Abs)
, spinal and sympathetic blockade (Lofstrom, Bengtsson, *et al.*), 58, (Abs)
Arterial pressure, effect of atracurium, vecuronium and pancuronium (Lavery, Mirakhur, *et al.*), 459
Ascorbic acid, role in etomidate toxicity (Boidin, Erdmann, *et al.*), 419
Aspirin and probenecid, effect on potency of thiopentone and action of midazolam (Dundee, Halliday, *et al.*), 247
Atracurium and vecuronium preloading for tracheal intubation (Healy, Petts, *et al.*), 79 (P)
, convulsive effects of metabolite laudanosine in the rat (Scheepstra, Vree, *et al.*), 373
, duration of action versus vecuronium during enflurane and isoflurane anaesthesia (Kumar & Campkin), 72 (P)
, histaminoid response to intradermal and intravenous administration (Lavery, Clarke, *et al.*), 438
, in divided doses, intubating conditions (Mirakhur, Lavery, *et al.*), 60 (Abs)
, interaction with vecuronium *in vitro* (Esmaili, Pleuvry, *et al.*), 469
, vecuronium and pancuronium, effect on heart rate and arterial pressure (Lavery, Mirakhur, *et al.*), 459
Atrial fibrillation, chronic, resumption of sinus rhythm (Villani, DeCosmo, *et al.*), 137
Atropine (methyl bromide) versus glycopyrrolate in reversal of curarization (Dworacek & Rupreht), 44 (Abs)
, continuous infusion in treatment of tetanus (Sun & Dolar), 55 (Abs)

Baclofen in dogs, urodynamic studies after intrathecal administration (Magora & Drenger), 61 (Abs)
Blood loss replacement during myocardial ischaemia, comparison with Dextran 40 and fluorocarbons (Faithfull, Fennema, *et al.*), 46 (Abs)
Blood warmer, in-line. Clinical efficiency of (Linko), 121
Blood-flow evaluation of liver using ^{133}Xenon (Strunin, Nosil, *et al.*), 67 (P)
Book reviews
Acute Pulmonary Insufficiency (Saldeen), 335
Anaesthesia for Eye, Ear, Nose and Throat Surgery (Morrison, Mirakhur, *et al.*), 340
Anaesthetic Equipment (Ward), 485
Anaesthetics, Resuscitation and Intensive Care (Campbell & Spence), 169
Atlas of Regional Anaesthesia (Katz), 337
Clinical Anaesthesia in Neurosurgery (Ed. Frost), 167
Clinics in Anaesthesiology. Chronic Pain (Eds Brena & Chapman), 81
Clinics in Anaesthesiology, Current Topics in Intensive Care (Dobb), 338
Clinics in Anaesthesiology: Neuromuscular Blockade (Ed. Norman), 255

Book reviews – *cont.*
Current European Anaesthesiology (Jones), 336
Current Topics in Anaesthesia Series—Neonatal Anaesthesia and Perioperative Care (Hatch & Sumner), 484
Difficulties in Tracheal Intubation (Latto & Rosen), 425
Drugs in Anaesthetic Practice (6th edn) (Vickers, Schnieden & Wood-Smith), 83
Guidelines in Clinical Anaesthesia (Hutton & Cooper), 426
Handbook of Regional Anaesthesia (Raj), 335
Lectures in Anaesthesiology 1985 (Ed. Zorab), 169
Monitoring in Anaesthesia and Critical Care Medicine (Blitt), 338
Pain Relief in Labour (Moir), 483
Patient Controlled Analgesia (Harmer, Rosen, *et al.*), 484
Perinatal Anaesthesia (Scanlon), 482
Rate Control in Drug Therapy (Prescott & Nimmo), 254
Sir R. Macintosh's Lumbar Puncture and Spinal Analgesia Intradural and Extradural (Lee, Atkinson, Watt), 253
Year Book of Anaesthesia, 1985 (Miller), 481
Breathing, regulation in young infants during halothane anaesthesia (Lindahl & Olsson), 56 (Abs)
Bupivacaine, (hyperbaric) and cinchocaine in spinal anaesthesia (Shribman & Hanning), 103
, comparison of epidural and spinal blockade (Aromaa, Linko, *et al.*), 241
, continuous epidural administration in pigs (Kytta, Rosenberg, *et al.*), 473

CFAM (Cerebral function analysing monitor) use in monitoring anaesthesia with propofol (Yate, Maynard, *et al.*), 159
Captopril and ketanserin in modifying the pressor response to sternotomy (Cashman, Thompson, *et al.*), 68 (P)
Carbon dioxide inhalation in infants anaesthetized with halothane, effect on respiratory drive and timing (Lindahl & Olsson), 427
, levels and rate of recovery (Keane & O'Flaherty), 55 (Abs)
Catecholamines, effect of naloxone on and induced pain (Aitkenhead, Derbyshire, *et al.*), 72 (P)
Cerebral complications following induced hypotension (Pasch & Huk), 299
Children, inhalation induction of (Rondio & Kramarz), 71 (P)
Cinchocaine (hyperbaric) and hyperbaric bupivacaine in spinal anaesthesia (Shribman & Hanning), 103
Clonidine, epidural pharmacokinetics of (Nalda & Gonzalez), 60 (Abs)
Complications and outcome versus risk factors (Pedersen, Eliasen, *et al.*), 225
Continuous epidural analgesia with bupivacaine in pigs (Kytta, Rosenberg, *et al.*), 473
Convulsive effects (and pharmacokinetics) of laudanosine in the rat (Scheepstra, Vree, *et al.*), 373
Coronorary artery bypass, use of diltiazem to prevent myocardial ischaemia (Goursot, Caramella, *et al.*), 47 (Abs)
Cortisol, effect of labetalol on during surgery (Arroyo, Iribarren, *et al.*), 33
Cyclizine, influence on emetic effects of meptazinol (Chestnutt & Dundee), 27
Cystoscopy, intravenous anaesthesia for (Kay, Hargreaves, *et al.*), 111

Dantrolene plasma and urine concentrations after oral pretreatment (Wuis, Driessen, *et al.*), 219
Day case surgery, use of propofol new formulation (Walmsley, McLeod, *et al.*), 19
Dental anaesthesia, comparison of isoflurane and halothane in (Flynn, Verghese, *et al.*), 43 (Abs)
Dextran 40, versus fluorocarbons for blood loss replacement in presence of myocardial ischaemia (Faithfull, Fennema, *et al.*), 46 (Abs)
Dextran 70 and thromboembolism in total hip arthroplasty (Fredin & Rosberg), 273
Diltiazem, prevention of peri-operative myocardial ischaemia (Goursot, Caramella, *et al.*), 47 (Abs)
Dosing strategies for alfentanil (adaptive) by computer controlled infusion (Schuttler, Schwilden, *et al.*), 67 (P)
Doxapram following pneumonectomy, haemodynamic and respiratory effects (Laxenaire, Boileau, *et al.*), 259

Droperidol, use in prevention and treatment of post-operative vomiting (Kauste, Tuominen, *et al.*), 1
Drug interactions in Symposium on volatile anaesthetics (Jones), 41 (S)

EDTA inhibition of gastric secretion (Cardan), 80 (C)
EEG, effects of volatile anaesthetics in Symposium (Schwilden), 40 (S)
Emetic effects of meptazinol, influence of cyclizine and perphenazine (Chestnutt & Dundee), 27
sequelae of operations, prevention and treatment with droperidol, alizapride and metoclopramide (Kauste, Tuominen, *et al.*), 1
Endocrine and metabolic responses to anaesthesia and surgery following halothane or epidural anaesthesia (Seitz, Luebbe, *et al.*), 283
function of the ovary, effect of isoflurane (Pelosi, Dordoni, *et al.*), 66 (P)
Enflurane anaesthesia in children, influence of nitrous oxide on respiratory depression (Sigurdsson), 87
, effect on plasma membrane function and nucleotide content of lymphocytes (Ferrero, Ferrero, *et al.*), 63 (P)
, *MAC* values in geriatric patients (Dahn & Podlesch), 42 (Abs)
plus labetalol, in controlled arterial hypotension (Gory, Goursault, *et al.*), 69 (P)
, use in controlled hypotension (Gory, Goursault, *et al.*), 69 (P)
Epidural anaesthesia and endocrine and metabolic responses to anaesthesia and surgery (Seitz, Luebbe, *et al.*), 283
anaesthesia and thromboembolism after hip arthroplasty (Fredin & Rosberg), 273
analgesia with morphine, clinical study of dose and volume (Lanz, Kehrberger, *et al.*), 59 (Abs)
and spinal blockade (0.5% bupivacaine) comparison for transurethral surgery (Aromaa, Linko, *et al.*), 241
clonidine, pharmacokinetics of (Nalda & Gonzalez), 6 (Abs)
sufentanil for postsurgical pain relief (Verborgh, Van der Auwera, *et al.*), 313
Etomidate toxicity, the role of ascorbic acid (Boidin, Erdmann, *et al.*), 419
, effects on ACTH and adrenal steroid levels (Crozier, Schlaeger, *et al.*), 45 (Abs)
, safety for anaesthesia (Crozier, Schlaeger, *et al.*), 45 (Abs)
, use in aorto-coronary bypass operations and effects on ACTH and steroids (Crozier, Schlaeger, *et al.*), 45 (Abs)
European Diploma in Anaesthesiology, 171, 331
Extracorporeal circulation without systemic heparinization (Bindslev, Inacio, *et al.*), 49 (Abs)

Fentanyl as cause of post-operative rigidity (Bonnett, Kergrohen, *et al.*), 415
, effect of verapamil on regional myocardial function when added (Arvieux, Ramsay, *et al.*), 48 (Abs)
, effect on myocardial blood flow and oxygen consumption (Bovill, van Wezel, *et al.*), 48 (Abs)
Fluorocarbons, comparison with Dextran 40 and blood loss replacement in the presence of myocardial ischaemia (Faithfull, Fennema, *et al.*), 46 (Abs)

Gallamine, interaction with verapamil in reversal of neuromuscular blockade (Wali), 387
Gastric emptying, delay by meptazinol or morphine (Nimmo, Todd, *et al.*), 295
secretion, inhibition by EDTA (Cardan), 85 (C)
Glycopyrrolate, versus methyl atropine bromide for reversal of curarization (Dworacek & Rupreht), 44 (Abs)

HFJV, dopamine and aldadiene-K in COPD patients (Litarczek, Harsovescu, *et al.*), 79 (P)
Haemodynamic and respiratory effects of post-operative doxapram and almitrine in patients following pneumonectomy (Laxenaire, Boileau, *et al.*), 259
effects of propofol during nitrous oxide

Haemodynamic – *cont.*
anaesthesia (Monk, Coates, *et al.*), 44 (Abs)
effects of sympathetic blockade in the normoxic fetal lamb (Davies, Tweed, *et al.*), 75 (P)
Halothane anaesthesia, regulation of breathing in young infants during (Lindahl & Olsson), 56 (Abs)
, and endocrine and metabolic responses to anaesthesia and surgery (Seitz, Luebke, *et al.*), 283
, and methoxyflurane on liver mitochondrial function (Acalovschi & Benga), 73 (P)
, comparison with isoflurane in dental anaesthesia (Flynn, Verghese, *et al.*), 43 (Abs)
, effects on lymphocytes *in vitro* (Ferrero, Ferrero, *et al.*), 321
, effect on respiratory drive and timing during CO_2 inhalation in infants (Lindahl & Olsson), 427
, endocrine response following nifedipine induced hypotension (Spiss, Weindlmayr-Goettel, *et al.*), 70 (P)
, influence on plasma membrane function and nucleotide content of lymphocytes (Ferrero, Ferrero, *et al.*), 63 (P)
, Twenty years' experience in paediatric surgery (Antic), 62 (P)
versus isoflurane in children (Fitzal, Semsroth, *et al.*), 78 (P)
Head injury, complications and outcome (Zappi, Faccani, *et al.*), 58 (Abs)
Heart rate, effect of atracurium vecuronium and pancuronium (Lavery, Mirakhur, *et al.*), 459
Hip arthroplasty, anaesthetic technique and thromboembolism (Fredin & Rosberg), 273
osteotomy, effect of labetalol on urinary prostacyclin secretion and plasma renin activity (Arroyo, Iribarren, *et al.*), 33
Histaminoid response to atracurium, vecuronium and tubocurarine (Lavery, Clarke, *et al.*), 438
Hyperthermia (malignant) use of dantrolene (Wuis, Driessen, *et al.*), 219
Hypotension induced with isoflurane in neurosurgery (Campkin & Flinn), 397
, induced, cerebral complications following (Pasch & Huk), 299
IgE levels after intravenous administration of atracurium vecuronium and tubocurarine (Lavery, Clarke, *et al.*), 438
Imipramine, chronic treatment and adrenergic responsiveness (Spiss, Smith, *et al.*), 50 (Abs)
Induced hypotension by isoflurane in neurosurgery (Campkin & Flinn), 397
, cerebral complications following (Pasch & Huk), 299
Infants, regulation of breathing in, during halothane anaesthesia (Lindahl & Olsson), 56 (Abs)
Infusion of alfentanil (computer controlled) (Schuttler, Schwilden, *et al.*), 67 (P)
Infusions, content of small particles (Kalff, Franke, *et al.*), 56 (Abs)
Interaction between atracurium and vecuronium *in vitro* (Esmaili, Pleuvry, *et al.*), 469
Intra-cellular and extracellular acid–base status, influence of anti-alkalotic agents (Rothe), 77 (P)
Intra-ocular pressure, effect of propranolol before induction (Cook, Feneck, *et al.*), 449
Intradermal administration of atracurium, vecuronium and tubocurarine, histaminoid response to (Lavery, Clarke, *et al.*), 438
Intrathecal baclofen, urodynamic studies in dogs (Magora & Drenger), 61 (Abs)
steroids: attempt to develop a model in rats (Swai & Rosen), 127
Intravenous administration of atracurium, vecuronium and tubocurarine, histaminoid response to (Lavery, Clarke, *et al.*), 438
anaesthesia for cystoscopy (Kay, Hargreaves, *et al.*), 111
anaesthesia, use of propofol as main agent for minor surgical procedures (Walmsley, McLeod, *et al.*), 19
anaesthetics, relative potency of thiopentone and propofol (Grounds, Moore, *et al.*), 11
Intubating conditions with atracurium in divided doses (Mirakhur, Lavery, *et al.*), 60 (Abs)
Intubation, haemodynamic responses with propofol and nitrous oxide (Coates, Monk, *et al.*), 65 (P)
, preloading with vecuronium and atracurium (Healy, Petts, *et al.*), 79 (P)

Ischaemia and infarction of the right ventricle, in symposium (Scheidegger), 52 (S)
Isoflurane in children, ventilatory changes (Murat, Beydon, *et al.*), 405
, a psychotropic drug? (Neumark, Langer, *et al.*), 62 (P)
, comparison with halothane in dental anaesthesia (Flynn, Verghese, *et al.*), 43 (Abs)
, effect of verapamil on regional myocardial function when added (Arvieux, Ramsay, *et al.*), 48 (Abs)
, endocrine response following nifedipine induced hypotension (Spiss, Weindlmayhr-Goettel, *et al.*), 70 (Abs)
–induced hypotension, blood-flow and tissue oxygenation (Hobbhan, Conzen, *et al.*), 71 (P)
, *MAC* values in geriatric patients (Dahn & Podlesch), 42 (Abs)
: to induce hypotension in neurosurgical patients (Campkin & Flinn), 397
versus halothane in children (Fitzal, Semsroth, *et al.*), 78 (P)

Junctional rhythm, induced by pancuronium in normal individuals (Lavery, Mirakhur, *et al.*), 459

Ketamine, the effect on the peripheral circulation (Nijboer, Dorlas, *et al.*), 143
Ketanserin in modifying the pressor response to sternotomy (Cashman, Thompson, *et al.*), 68 (P)
Kidney donors, unstable (Pelosi, Zanghi, *et al.*), 209

Lebetalol plus enflurane in controlled arterial hypotension (Gory, Goursault, *et al.*), 69 (P)
, effect on plasma renin activity during surgery, prostacyclin secretion (urinary), effect (Arroyo, Iribarren, *et al.*), 33
, effect on urinary prostacyclin secretion during surgery (Arroyo, Iribarren, *et al.*), 33
Laudanosine, convulsive effects and pharmacokinetics in the rat (Scheepstra, Vree, *et al.*), 373
Liver blood-flow using ^{133} Xenon (Strunin, Nosil, *et al.*), 67 (P)
, mitrochondrial function, influence of halothane and methoxyflurane (Acalovschi & Benga), 73 (P)
Lymphocytes, effects of halothane *in vitro* (Ferrero, Ferrero, *et al.*), 321

MAC values for enflurane and isoflurane in geriatric patients (Dahn & Podlesch), 42 (Abs)
Malignant hyperthermia, oral pretreatment with dantrolene (Wuis, Driessen, *et al.*), 219
Meptazinol, effect on paracetamol absorption and gastric emptying (Nimmo, Todd, *et al.*), 293
, emetic effects of, influence of cyclizine and perphenazine (Chestnutt & Dundee), 27
Metabolic (and endocrine) responses to anaesthesia with halothane or epidural anaesthesia (Seitz, Luebbe, *et al.*), 283
Methohexitone with alfentanil versus propofol for cystoscopy (Kay, Hargreaves, *et al.*), 111
, comparison with propofol for major surgery (Kay) 63 (P)
Methoxyflurane and halothane, influence on liver mitochondrial function (Acalovschi & Benga), 73 (P)
Methyl atropine versus glycopyrrolate for reversal of curarization (Dworacek & Rupreht), 44 (Abs)
Metoclopramide, use in the prevention and treatment of post-operative vomiting (Kauste, Tuominen, *et al.*), 1
Midazolam, onset time, influence of aspirin and probenecid (Dundee, Halliday, *et al.*), 247
, venous threshold concentration (Lauven & Stoeckel), 64 (P)
Minor surgical procedures, use of propofol (Walmsley, McLeod, *et al.*), 19
Models, pharmacological—review (Schwilden, Stoeckel, *et al.*), 175
Morphine, effect on paracetamol absorption and gastric emptying (Nimmo, Todd, *et al.*), 293
, epidural clinical study (Lanz, Kehrberger, *et al.*), 59 (Abs)
Muscle twitch, indirectly elicited, interaction between atracurium and vecuronium (Esmaili, Pleuvry, *et al.*), 469

Myocardial blood flow, effect of fentanyl (Bovill, van Wezel, *et al.*), 48 (Abs)
ischaemia, blood loss replacement in, comparison of Dextran 40 and fluorocarbons (Faithfull, Fennema, *et al.*), 46 (Abs)
ischaemia, peri-operative, prevention by diltiazem (Goursot, Caramella, *et al.*), 47 (Abs)
lactate production, effect of fentanyl (Bovill, van Wezel, *et al.*), 48 (Abs)

Naloxone, effect on catecholamines and induced pain (Aitkenhead, Derbyshire, *et al.*), 72 (P)
, reversal of post-operative rigidity after fentanyl (Bonnett, Kergrohen, *et al.*), 415
Nausea and vomiting, influence of transdermal scopolamine (Tolksdorf, Meiselet, *et al.*), 75 (P)
Neostigmine with edrophonium in reversal of neuromuscular blockade by verapamil with gallamine or pancuronium (Wali), 387
Nifedipine, endocrine response following induced hypotension with, during isoflurane and halothane anaesthesia (Spiss, Weindlmayr-Goettel, *et al.*), 70 (P)
Nitroprusside overdose, sodium thiosuphate as an antidote (Cole & Vesey), 50 (Abs)
Nitrous oxide, anaesthetic potency of (Rothhammer & Weis), 42 (Abs)
and isoflurane in children, ventilatory changes (Murat, Beydon, *et al.*), 405
, and propofol infusions, dose related haemodynamic effects (Monk, Coates, *et al.*), 44 (Abs)
, influence on respiratory depression in children during enflurane anaesthesia (Sigurdsson), 87
Nucleotide content of human lymphocytes, effect of halothane and enflurane (Ferrero, Ferrero, *et al.*), 63 (P)

Opioids (spinal) in enuretic children (Cardan), 80 (P)
Oxygen consumption, effect of fentanyl (Bovill, van Wezel, *et al.*), 48 (Abs)

Paediatric anaesthesia, halothane versus isoflurane in (Fitzal, Semsroth, *et al.*), 78 (P)
surgery, the effect of psychological preparation on stress (Tadmor, Bar-Maor, *et al.*), 77 (P)
Pain relief (post-operative) with epidural sufentanil (Verborgh, Van der Auwera, *et al.*), 313
Pain, induced in volunteers, effect of naloxone on (Aitkenhead, Derbyshire, *et al.*), 72 (P)
Pancuronium, effect on heart rate and arterial pressure (Lavery, Mirakhur, *et al.*), 459
, interaction with verapamil, reversal of neuromuscular blockade (Wali), 387
Paracetamol, effect on absorption by morphine and meptazinol (Nimmo, Todd, *et al.*), 295
Particles in infusions (Kalff, Franke, *et al.*), 56 (Abs)
Peripheral circulation, the effect of ketamine (Nijboer, Dorlas, *et al.*), 143
Perphenazine, influence on emetic effects of meptazinol (Chestnutt & Dundee), 27
Personality, correlation of biochemical variables (Grabow & Schilling), 76 (P)
Pharmacokinetics of volatile agents in Symposium on Pharmacology of Inhalation of Anaesthetics (Norlander), 39 (S)
of alfentanil in young children (Strunin, Sale, *et al.*), 57 (Abs)
of epidural clonidine (Nalda & Gonzalez), 60 (Abs)
of laudanosine in the rat (Scheepstra, Vree, *et al.*), 373
Pharmacological models and their use in clinical anaesthesia—review (Schwilden, Stoeckel, *et al.*), 175
Physiological dead space and HFV (Fletcher), 332 (C)
Pigs, use of continuous epidural administration of bupivacaine (Kytta, Rosenberg, *et al.*), 473
Plasma membrane function, effect of halothane and enflurane (Ferrero, Ferrero, *et al.*), 63 (P)
Plasma renin activity, effect of labetalol (Arroyo, Iribarren, *et al.*), 33
Pneumonectomy, haemodynamic and respiratory effects of doxapram and almitrine following, (Laxenaire, Boileau, *et al.*), 259
Post-operative rigidity after fentanyl

(Bonnett, Kergrohen, *et al.*), 415
pain relief with epidural sufentanil (Verborgh, Van der Auwera, *et al.*), 313
Potency of nitrous oxide (Rothhammer & Weis), 42 (Abs)
Premedication, with cyclizine or perphenazine, effect on emetic action of meptazinol (Chestnutt & Dundee), 27
Probenecid and aspirin pretreatment, effect on thiopentone and midazolam (Dundee, Halliday, *et al.*), 247
Proceedings of the 7th Annual Meeting, 39
Propofol, comparison with methohexitone for major surgery (Kay), 63 (P)
, haemodynamic responses to induction with isoflurane, effect on endocrine function of the ovary (Pelosi, Dordoni, *et al.*), 66 (P)
(ICI 35 868) effects monitored by CFAM (Yate, Maynard, *et al.*), 159
influsion during nitrous oxide anaesthesia, haemodynamic effects of (Monk, Coates, *et al.*), 44 (Abs)
, main agent for minor surgical procedures (Walmsley, McLeod, *et al.*), 19
, relative potency versus thiopentone (Grounds, Moore, *et al.*), 11
versus methohexitone with alfentanil for cystoscopy (Kay, Hargreaves, *et al.*), 111
Protein binding of laudanosine (Scheepstra, Vree, *et al.*), 373
Psychotropic effect of isoflurane (Neumark, Langer, *et al.*), 62 (P)

Recovery from anaesthesia, effect of carbon dioxide levels (Keane & O'Flaherty), 55 (Abs)
Regional myocardial function, effect of verapamil when added to isoflurane or fentanyl (Arvieux, Ramsay, *et al.*), 48 (Abs)
Relative potency, thiopentone versus propofol (Grounds, Moore, *et al.*), 11
Renal excretion of laudanosine (Scheepstra, Vree, *et al.*), 373
failure, vecuronium in (Meistelman, Lienhart, *et al.*), 153
Respiratory depression during enflurane anaesthesia in children: influence of nitrous oxide concentration (Sigurdsson), 87
drive and timing during carbon CO_2 inhalation in infants under halothane (Lindahl & Olsson), 427
effects of doxapram and almitrine following pneumonectomy (Laxenaire, Boileau, *et al.*), 259
failure due to thoraco-abdominal rigidity after fentanyl (Bonnett, Kergrohen, *et al.*), 415
Review article: Pharmacological models and their use in clinical anaesthesia (Schwilder, Stoekel, *et al.*), 175
The low pressure system: the integrated function of veins (Arndt), 345
Right ventricle, in Symposium (Foex), 51 (S)
pump or reservoir? (Forst, Racenberg, *et al.*), 74 (P)
Right ventricular pressure overload, in Symposium (Priebe), 53 (S)
tamponade during positive pressure ventilation, in Symposium (Suter), 53 (S)
Risk factors, complications and outcome (Pedersen, Eliasen, *et al.*), 225

Scavenger of anaesthetic gases (Wetterhahn, Cleaton-Jones, *et al.*), 95
Scopolamine, transdermal, effect on post-operative nausea and vomiting (Tolksdorf, Meisel, *et al.*), 75 (P)
Spinal anaesthesia, comparison of hyperbaric bupivacaine and cinchocaine (Shribman & Hanning), 103
Spinal analgesia and the degree of sympathetic blockade (Loftstrom, Bengtsson, *et al.*), 58 (Abs)
Spinal blockade, comparison with epidural using 0.5% bupivacaine (Aromaa, Linko, *et al.*), 241
Spinal opioids in enuretic children (Cardan), 80 (P)
Sternotomy pressor response modification by captopril and ketanserin (Cashman, Thompson, *et al.*), 68 (P)
Steroid metabolism, role of ascorbic acid in etomidate toxicity (Boidin, Erdmann, *et al.*), 419
Stress, effect of psychological preparation in paediatric surgery (Tadmore, Bar-Maor, *et al.*), 77 (P)
Sufentanil, epidurally, for pain relief (Verborgh, Van der Auwera, *et al.*), 313

Suxamethonium, effect of propranolol on intra-ocular pressure (Cook, Feneck, *et al.*), 449
Sympathetic blockade, degree of with spinal analgesia (Loftstrom, Bengtsson, *et al.*), 58 (Abs)
haemodynamic effects in normoxic fetal lamb (Davies, Tweed, *et al.*), 75 (P)
Symposium, Phamacology of Inhalation Anaesthetics (Prys-Roberts), 39
cardiac function and respiratory disease—is the right ventricle necessary? (Ed. Prys-Roberts), 51

Tamponade of right ventricle, in Symposium (Suter), 53 (Abs)
Tetanus, treatment with continuous atropine (Sun & Dolar), 55 (Abs)
Thiopentone potency, influence of aspirin and probenecid (Dundee, Halliday, *et al.*), 247
relative potency versus propofol (Grounds, Moore, *et al.*), 11
Thiosulphate, antidote to sodium nitroprusside overdose (Cole & Vesey), 50
Thromboembolism following hip arthroplasty, effect of anaesthetic technique (Fredin & Rosbert, 273
Tubocurarine, histaminoid response to intradermal and intravenous administration (Lavery, Clarke, *et al.*), 438

Urinary prostacyclin secretion, effect of labetalol (Arroyo, Iribarren, *et al.*), 33
Urodynamic effects of intrathecal baclofen (Magora & Drenger), 61 Abs)

Vecuronium and atracurium preloading for tracheal intubation (Healy, Petts, *et al.*), 79 (P)
duration of action versus atracurium during enflurane and isoflurane anaesthesia (Kumar & Campkin), 72 (P)
effect on heart rate and arterial pressure (Lavery, Mirakhur, *et al.*), 459
histaminoid response to intradermal and intravenous administration (Lavery, Clarke, *et al.*), 438
interaction with atracurium *in vitro* (Esmaili, Pleuvry, *et al.*), 469
pharmacology in renal failure (Meistelman, Lienhart, *et al.*), 153
Veins, integrated function of the low pressure system—review (Arndt), 345
Venous admixture: oxygen independent evaluation of (Falke & Radermacher), 54 (Abs)
threshold concentrations of midazolam (Lauven & Stoeckel), 64 (P)
Ventilatory changes during nitrous oxide and isoflurane in children (Murat, Beydon, *et al.*), 405
Verapamil, differential effect on myocardial function when added to isoflurane or fentanyl (Arvieux, Ramsay, *et al.*), 48 (Abs)
interaction with gallamine or pancuronium and reversal of neuromuscular blockade with neostigmine and endrophonium, (Wali), 387
Volatile anaesthesia today, in Symposium, Pharmacology of Inhalation of Anaesthetcs (Papper), 39 (S)
anaesthesia, optimal control of in Symposium (Thomson, Zbinden, *et al.*), 40 (Abs)
anaesthetics, quantitating the EEG, effects of in Symposium (Schwilden & Stoeckel), 40 (S)
Vomiting and nausea, influence of transdermal scopolamine (Tolksdorf, Meisel, *et al.*), 75 (P)
post-operative, prevention with droperidol, alizapride and metoclopramide (Kauste, Tuominen, *et al.*), 1

Xenon (133): use in blood-flow evaluation of liver (Strunin, Nosil, *et al.*), 67 (P)

S = Symposium presentation
Abs = Abstract of papers at the Annual Meeting
P = Poster at the Annual Meeting
C = Correspondence

Contents

Volume 3, Number 1, January 1986

A. Kauste, M. Tuominen, H. Heikkinen, A. Gordin and K. Korttila: Droperidol alizapride and metoclopramide in the prevention and treatment of post-operative emetic sequelae 1

R. M. Grounds, M. Moore and M. Morgan: The relative potencies of thiopentone and propofol 11

A. J. Walmsley, B. Mcleod and J. Ponte: The new formulation of I.C.I. 35 868 (propofol) as the main agent for minor surgical procedures 19

W. N. Chestnutt and J. W. Dundee: The influence of cyclizine and perphenazine on the emetic effect of meptazinol 27

J. L. Arroyo, M. J., Iribarren, E. Dawson, C. Roux, F. Carrascosa, J. De Castro and M. S. Carrasco: The effect of labetalol on urinary prostacyclin secretion during surgery 33

Proceedings of the European Academy of Anaesthesiology 7th Annual Meeting, Basel, 5–8 September 1985 39

Book Reviews 81

Correspondence 85

Volume 3, Number 2, March 1986

G. H. Sigurdsson: Repiratory depression during enflurane anaesthesia in children: *influence of the nitrous oxide concentration* 87

N. S. Wetterhahn, P. E. Cleaton-Jones, D. G. Moyes and L. P. Fatti: Anaesthetic scavenger evaluation in the laboratory 95

A. J. Shribman and C. D. Hanning: Hyperbaric bupivacaine and hyperbaric cinchocaine: *a comparison of their use for spinal anaesthesia* 103

B. Kay, J. Hargreaves, T. Sivalingham and T. E. J. Healy: Intravenous anaesthesia for cystoscopy: *a comparison of propofol or methohexitone with alfentanil* 111

K. Linko: The clinical efficiency of the Portex® in-line blood warmer 121

E. A. Swai and M. Rosen: An attempt to develop a model to study the effects of intrathecal steroids 127

A. Villani, G. De Cosmo and E. Scabbia: Resumption of sinus rhythm during general anaesthesia in an elderly patient with chronic atrial fibrillation: *a case report* 137

J. A. Nijboer, J. C. Dorlas and P. J. Salt: The effect of ketamine on the peripheral circulation: *a possible sympathetic ganglion blocking effect* 143

C. Meistelman, A. Lienhart, C. Leveque, M. O. Bitker, B. Pigot and P. Viars: Pharmacology of vecuronium in patients with end-stage renal failure 153

P. M. Yate, D. E. Maynard, E. Major, M. Frank, A. J. W. Verniquet, H. K. Adams and E. J. Douglas: Anaesthesia with ICI 35 868 monitored by the cerebral function analysing monitor (CFAM) 159

Book Reviews 167

European Diploma in Anaesthesiology 171

Announcements 173

Volume 3, Number 3, May 1986

Review article

H. SCHWILDEN, H. STOECKEL, J. SCHÜTTLER and P. M. LAUVEN: Pharmacological models and their use in clinical anaesthesia 175

G. PELOSI, F. ZANGHI, S. AGNES and S. C. MAGALINI: Maintenance of unstable kidney donors 209

E. W. WUIS, J. J. DRIESSEN, J. EVERS, T. B. VREE and E. VAN DER KLEYN: Dantrolene plasma and urine concentrations after oral pretreatment for malignant hyperthermia: *report of a case* 219

T. PEDERSEN, K. ELIASEN, M. RAVNBORG, J. VIBY-MOGENSEN, J. QVIST, S. H. JOHANSEN and E. HENRIKSEN: Risk factors, complications and outcome in anaesthesia. *A pilot study* 225

U. AROMAA, K. LINKO and M.-T. NIEMINEN: Comparison of epidural and spinal blockade with 0.5% bupivacaine for transurethral surgery 241

J. W. DUNDEE, N. J. HALLIDAY and T. J. MCMURRAY: Aspirin and probenecid pretreatment influences the potency of thiopentone and the onset of midazolam . 247

Book Reviews 253

Announcement 257

Volume 3, Number 4, July 1986

M. C. LAXENAIRE, S. BOILEAU, P. DAGRENAT, N. MENU and N. DROUET: Haemodynamic and respiratory effects of post-operative doxapram and almitrine in patients following pneumonectomy 259

H. FREDIN and B. ROSBERG: Anaesthetic techniques and thromboembolism in total hip arthroplasty 273

W. SEITZ, N. LUEBBE, W. BECHSTEIN, K. FRITZ and E. KIRCHNER: A comparison of two types of anaesthesia on the endocrine and metabolic responses to anaesthesia and surgery 283

W. S. NIMMO, J. G. TODD and J. VOGEL: Effect of meptazinol on drug absorption and gastric emptying 295

T. PASCH and W. HUK: Cerebral complications following induced hypotension . . 299

C. VERBORGH, D. VAN DER AUWERA, E. VAN DROOGENBROEK and F. CAMU: Epidural sufentanil for postsurgical pain relief 313

E. FERRERO, M. E. FERRERO, A. MARNI, M. R. ZOCCHI, L. STELLA, C. RUGARLI and M. TIENGO: *In vitro* effects of halothane on lymphocytes 321

European Diploma in Anaesthesiology 331

Correspondence 332

Book Reviews 335

Announcement 341

Erratum 342

Volume 3, Number 5, September 1986

Review article

J. O. ARNDT: The low pressure system: *the integrated function of veins* 343

G. L. SCHEEPSTRA, T. B. VREE, J. F. CRUL, F. VAN DE POL and J. REEKERS-KETTING: Convulsive effects and pharmacokinetics of laudanosine in the rat 371

F. A. WALI: Interaction of verapamil with gallamine and pancuronium and reversal of combined neuromuscular blockade with neostigimine and endrophonium . . . 385

T. V. CAMPKIN and R. M. FLINN: Isoflurane: *its use to induce hypotension in neurosurgical patients* 395

I. MURAT, L. BEYDON, M. CHAUSSAIN, J. LEVY and J. P. SAINT-MAURICE: Ventilatory changes during nitrous oxide isoflurane anaesthesia in children 403

F. C. BONNETT, F. KERGROHEN, J.-E. LAFOSSE, J.-F. LORIFERNE, A. SALVAT and C. DEBRAS: Post-operative rigidity after fentanyl administration 413

Hypothesis

M. P. BOIDIN , W. E. ERDMANN and N. S. FAITHFULL: The role of ascorbic acid in etomidate toxicity 417

Book Reviews 423

Announcements 425

Volume 3, Number 6, November 1986

S. G. E. LINDAHL and A.-K. OLSSON: Respiratory drive and timing before and during CO_2 inhalation in infants anaesthetized with halothane 427

G. C. LAVERY, R. S. J. CLARKE and J. WATKINS: Histaminoid response after intradermal and intravenous administration of atracurium, vecuronium and tubocurarine: *a comparative study*. 439

J. H. COOK, R. O. FENECK and M. B. SMITH: Effect of pretreatment with propranolol on intraocular pressure changes during induction of anaesthesia 449

G. G. LAVERY, R. K. MIRAKHUR, R. S. J. CLARKE and F. M. GIBSON: The effect of atracurium, vecuronium and pancuronium on heart rate and arterial pressure in normal individuals 459

M. H. ESMAILI, B. J. PLEUVRY and T. E. J. HEALY: Interactions between atracurium and vecuronium on indirectly elicited muscle twitch *in vitro* 469

J. KYTTÄ, P. H. ROSENBERG and T. R. WAHLSTRÖM: Effects of continuous epidural administration of bupivacaine through a catheter in pigs 475

Correspondence 481

Book Reviews 481

Announcement 486

Index 487